

JOB DESCRIPTION

INJECTION MOLDING ENGINEER

Job Description

The Injection Molding Engineer is responsible for all aspects of the injection molding process of moulds manufactured by SMRC Suppliers in Asia. He works as support of EU Tooling Engineer, in collaboration with CN Tooling Engineer and in coordination with Supplier Project Leader.

His main tasks are to ensure that the Quality of the injection processes, the injected samples and their packing are in accordance with SMRC specifications.

Responsibilities

- Working with CPO (EU Tooling Engineer) and CN Tooling Engineer to ensure molding process and molded samples meet requirements, making adjustments as required.
- Providing molded samples in a timely manner in order to ensure project schedule is met.
- Drafting and performing mass production injection process validations:
 - IMM devices preparation / validation (Chiller / MTC / Dryer / ..)
 - Injection Machine selection / validation
 - Injection parameters in accordance with mold flow at T1
 - Homogeneous mold temperature
 - Samples demolding / Grippers
- Reporting to CPO in case of injection issue (aspect, welding line,..) in order to get support.
- Working with suppliers to develop tooling and fixtures that result in the manufacturing of high quality products:
 - Set-up grippers at T1
- Managing raw materials in a way that ensures project schedule, traceability and prevents contamination.
- Checking samples packing efficiency
- Generating documentation on molding try-outs (Try-out report) that will be used to control traceability and ensure reproducibility:
 - Cycle time
 - Injection pressures - time
 - Mold temperature
- Following established procedures in order to maintain a clean and organized environment.

Desired Skills and Experience

- High school diploma.
- Minimum of 10 years' experience in injection molding.
- Minimum of 5 years' experience in an automotive manufacturing environment
- Candidate must have good organizational skills.

- Candidate must be proactive and show initiative in taking on and completing injection molding projects.
- Candidate must possess good verbal and written communication skills (Chinese AND English).